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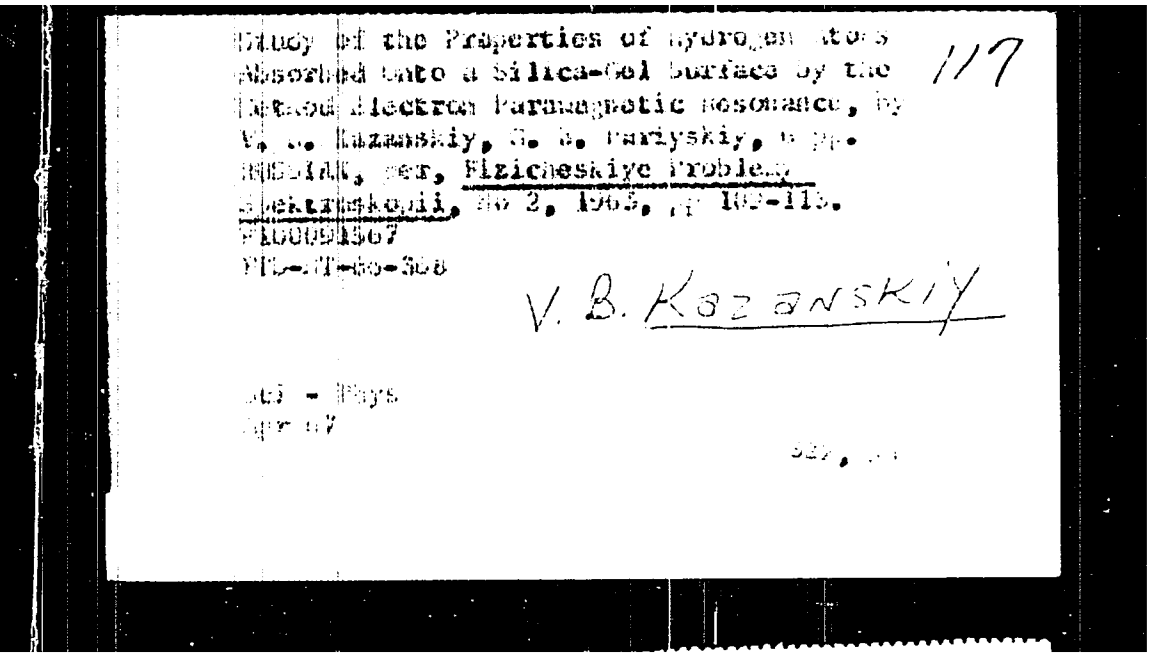

Study of the Properties of Hydrogen Atoms Absorbed into a Silica-Gel Surface by the Method of Electron Paramagnetic Resonance, by V. B. Kazanskiy, G. B. Pariyskiy, in pp. [illegible], per, Fizicheskiye problemy spektroskopii, No 2, 1963, pp 109-115.

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FTD-T-64-368

V. B. KAZANSKIY

[illegible] - Phys

Apr 67

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Bearing Calculations for Live Rings, by A. M. Kazanskiy, 5 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XLI, No 7, 1961, pp 11-15.

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22 Jun 62

200,043

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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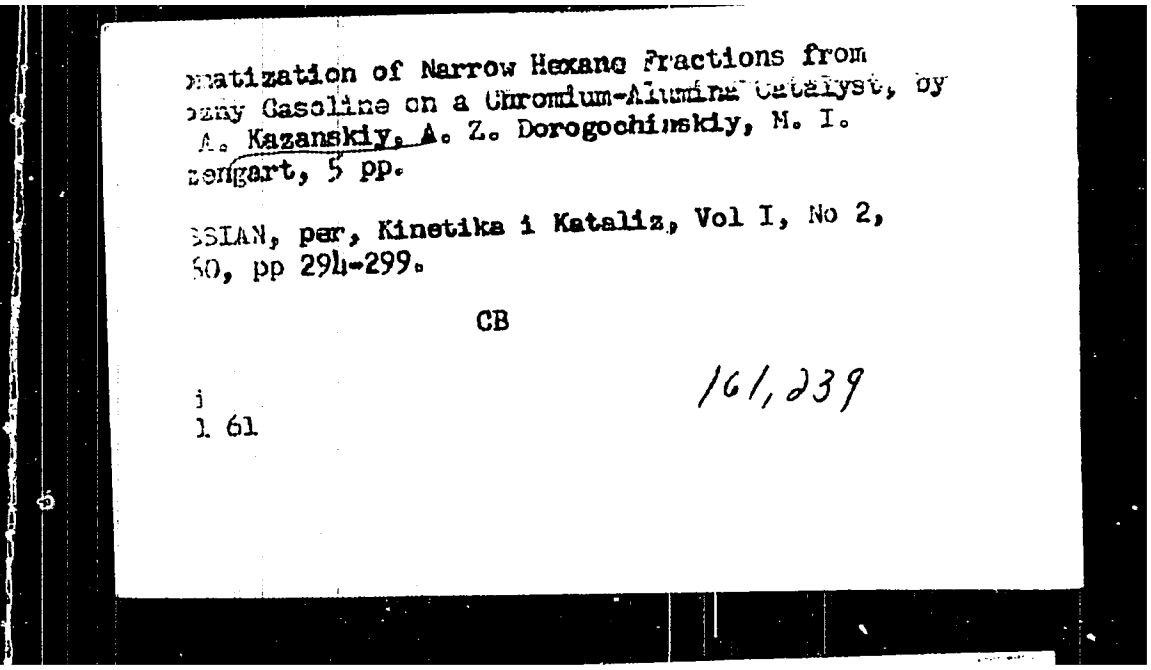

matization of Narrow Hexane Fractions from
ony Gasoline on a Chromium-Alumina Catalyst, by
A. Kazanskiy, A. Z. Dorogochinskiy, M. I.
engart, 5 pp.

SSIAN, per, Kinetika i Kataliz, Vol I, No 2,
50, pp 294-299.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Turbulence in Surface Inversions, by A. S. Kazanskiy, A. S. Monin.

RUSSIAN, per, Iz Ak Nauk Ser Geofiz, No 1, 1956, pp 79-86.

T.I.L. 2.4667

35,704

Sci - Geophysics

Jun 1956

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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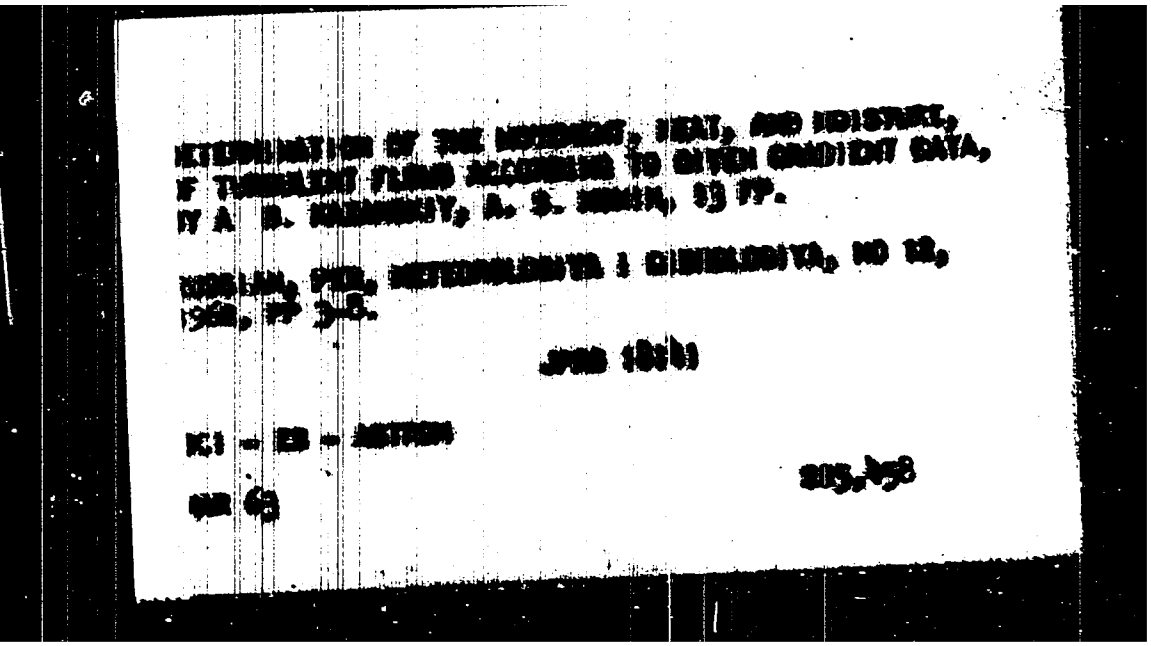

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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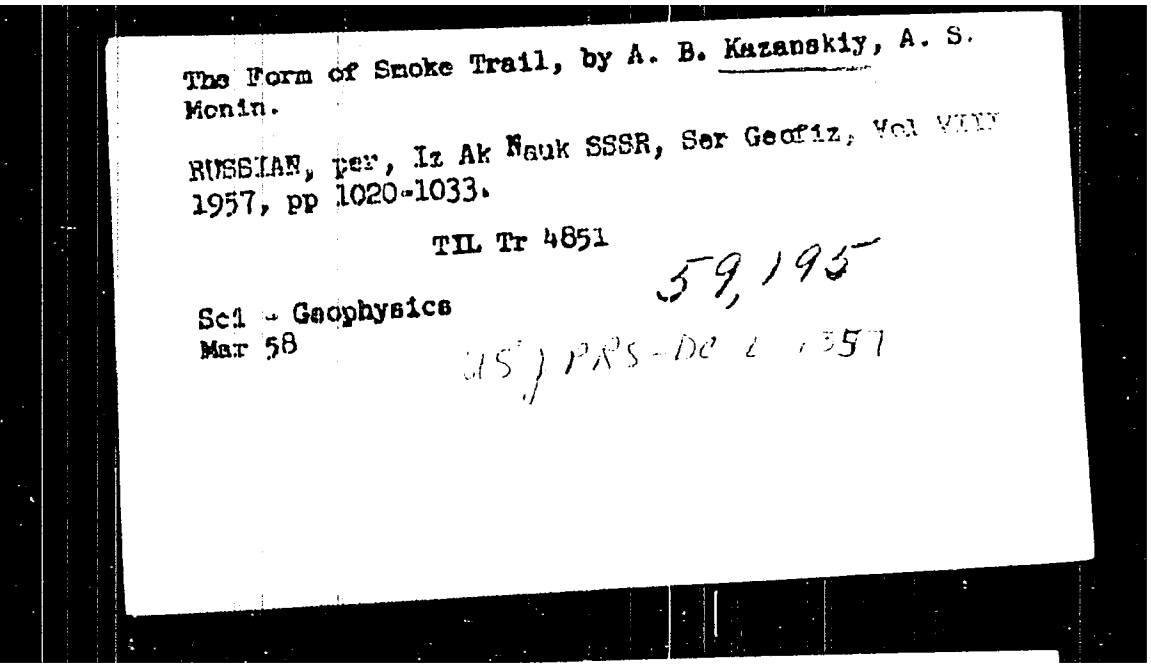

The Form of Smoke Trail, by A. B. Kazanskiy, A. S. Monin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, Vol VIII 1957, pp 1020-1033.

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59,195

Sci - Geophysics
Mar 58

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

On Turbulent Conditions in the Near-Ground Layer of the Atmosphere under Unsteady Stratification, by A. B. Kazanskiy, A. S. Monin, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 6, 1958, pp 741-751. CIA 6[illegible]174 CIA 90[illegible]

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Bol - Geophys

Aug 59

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94,587

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Practical Test of the Gravimetric Derivation of the Deflection of the Vertical and of the Figure of the Geoid, by A. I. Kazanskiy.

RUSSIAN, per, Trudy Tsentral Nauch-Issled Inst Geodezii, Aerofotos'yemki, i Kartografii, No 11, 1936, pp 8-58.

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180,786

Sci

Feb 62

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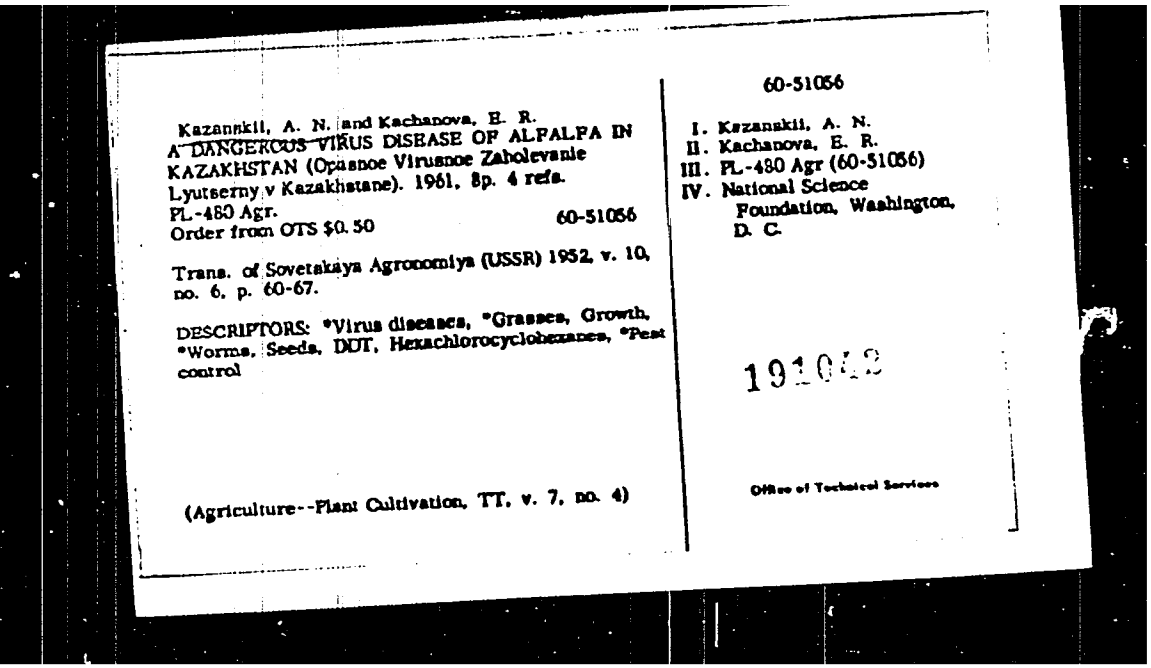
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2



Kazanskii, A. N. and Kachanova, E. R.
A DANGEROUS VIRUS DISEASE OF ALFALFA IN KAZAKHSTAN (Opasnoe Virusnoe Zaholevanie Lyutserny v Kazakhstane). 1961. 8p. 4 refs.
PL-480 Agr.
Order from OTS $0.50 60-51056

Trans. of Sovetskaya Agronomiya (USSR) 1952, v. 10, no. 6, p. 60-67.

DESCRIPTORS: *Virus diseases, *Grasses, Growth, *Worms, Seeds, DDT, Hexachlorocyclohexanes, *Pest control

(Agriculture--Plant Cultivation, TT, v. 7, no. 4)

60-51056

I. Kazanskii, A. N.
II. Kachanova, E. R.
III. PL-480 Agr (60-51056)
IV. National Science Foundation, Washington, D. C.

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Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Kazanskiĭ, B.A., and Smirnova, N.V.
HYDROGENATION OF AROMATIC HYDROCARBONS BY MEANS OF CALCIUM-AMMONIA. 11 p. 10 refs.
MTWL: 608.
Order from OTS or ETC $1.55 61-17247

Trans. of Akademiya Nauk SSSR, Otdelenie Matematicheskikh i Estestvennykh Nauk, Izvestiya, 1937, p. 547-554.

DESCRIPTORS: *Benzenes, Hydrocarbons, Calcium, Ammonia, *Hydrogenation.

61-17247

I. Kazanskiĭ, B.A.
II. Smirnova, N.V.
III. MTWL-608
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Kazanskii, B. A., Rozengart, M. I., and Solovova, O. P.
LABORATORY COLUMNS FOR PRECISE FRACTIONATION OF LIQUID MIXTURES. [1961] 8p. 30 refs.
Order from OTS or SLA $1.10 61-18049

Trans. Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1941, no. 1, p. 97-106.

DESCRIPTORS: Fractionation, Mixtures, Liquids, Separation, Distilling plants, Towers (Chemistry).

(Engineering--Chemical, TT, v. 6, no. 6)

61-18049

I. Kazanskii, B. A.
II. Rozengart, M. I.
III. Solovova, O. P.

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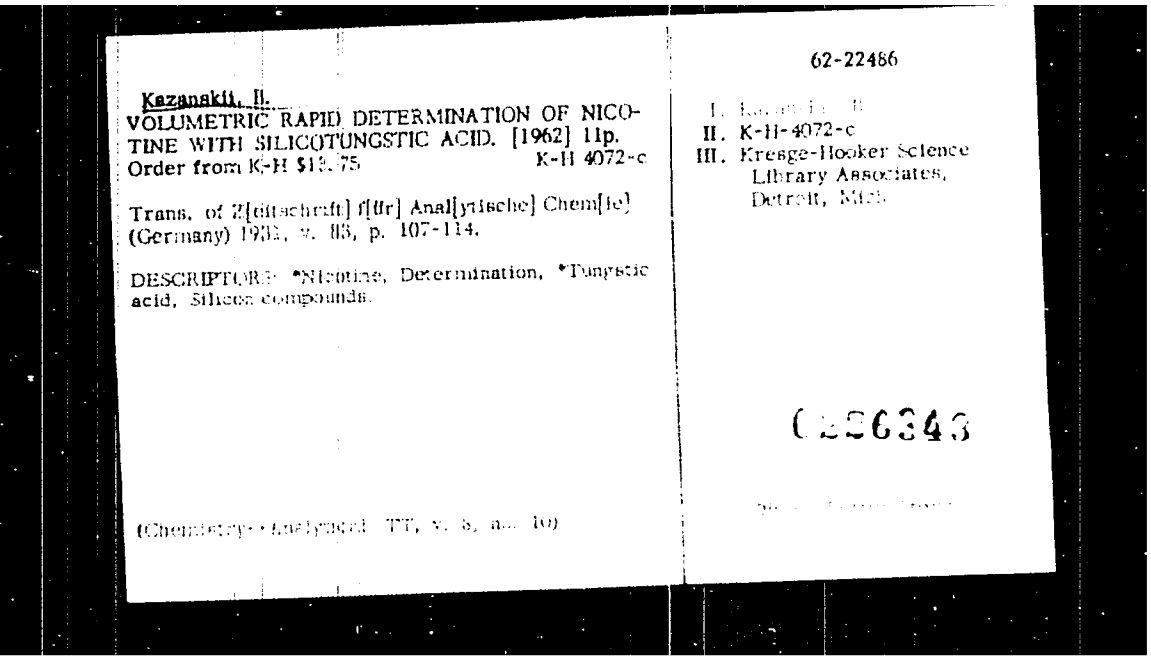

Kazanskii, B.
VOLUMETRIC RAPID DETERMINATION OF NICOTINE WITH SILICOTUNGSTIC ACID. [1962] 11p.
Order from K-H $19.75 K-H 4072-c

Trans. of Z[eitschrift] f[ür] Anal[ytische] Chem[ie] (Germany) 1933, v. 85, p. 107-114.

DESCRIPTORS: *Nicotine, Determination, *Tungstic acid, Silicon compounds.

(Chemistry--Analytical TT, v. 8, no. 10)

62-22486

I. [illegible] B.
II. K-H-4072-c
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Kazanskii, B. A., Solovova, O. P., and Bazhulin, P. A.
HYDROGENATION OF HOMOLOGS OF CYCLOPENTANE WITH SCISSION OF THE RING. [1961] 9p.
16 refs.
Order from OTS or SLA $1.10 61-16888

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1941, no. 1, p. 107-114.

DESCRIPTORS: Hydrogenation, *Cyclopentanes

Ethyl- and propylcyclopentanes are converted into a mixture of paraffins by hydrogenation in the presence of platinized carbon, the scission of the hydrocarbon ring occurring in all possible directions. Isoparaffins are predominantly formed. The direction of the decomposition reaction is affected by the character of the catalyst. On active platinized carbon, ethyl- and propylcyclopentanes decompose, preserving their individual characteristics. On a fatigued catalyst, the
(Chemistry--Physical, TT, v. 6, no. 6) (over)

61-16888

I. Kazanskii, B. A.
II. Solovova, O. P.
III. Bazhulin, P. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Kazanskii, B. A., Liberman, A. L. and others.
RELATIVE EFFICIENCIES OF LABORATORY DISTILLATION COLUMNS OF DIFFERENT CONSTRUCTION. [1961] 10p. 25 refs.
Order from OTS or SLA $1.10 61-16657

Trans. of Zhurnal Obshchei Khimii (USSR) 1942, v. 12, p. 112-123.

DESCRIPTORS: *Towers (Chemistry) Liquids, Mixtures, Separation, Distillation plants.

An experimental comparison of a number of fractionating columns, including those designed by Lebel, Vigreux, Arbuzov, Widmer, Dobryanskii and Gul'pern, Wilson and Fenske, revealed that a column packed with glass helices forming a layer 140-150 cm high is more efficient than the other dephlegmators tested. When the packing was divided into three sections separated by pieces of glass tubing, the height equivalent to one theoretical plate was 5.8 cm, i.e., the number of

(over)

(Engineering--Chemical, TT, v. 6, no. 6)

61-16657

I. Kazanskii, B. A.
II. Liberman, A. L.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Kazanskii, B. A., Liberman, A. L. and others.
RELATIVE EFFICIENCIES OF LABORATORY FRACTIONATING OF VARIOUS CONSTRUCTIONS. [1963]
23p. 25 refs.
Order from OTS or SLA $2.60 63-16037

Trans. of Zhurnal Obshchei Khimii (USSR) 1942, v. 12, p. 112-122.
Another trans. is available from OTS or SLA $1.10 as 61-16657 [1961] 10p. and an abstract trans. $1.60 in 61-20323 [1961] 18p.

DESCRIPTORS: *Towers (Chemistry), *Distilling plants, Construction, Design, Effectiveness, *Fractionation.

For abstract see Technical Translations 6: 417, 1961.

(Engineering--Chemical, TT, v. 10, no. 6)

63-16037

I. Kazanskii, B. A.
II. Liberman, A. L.

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Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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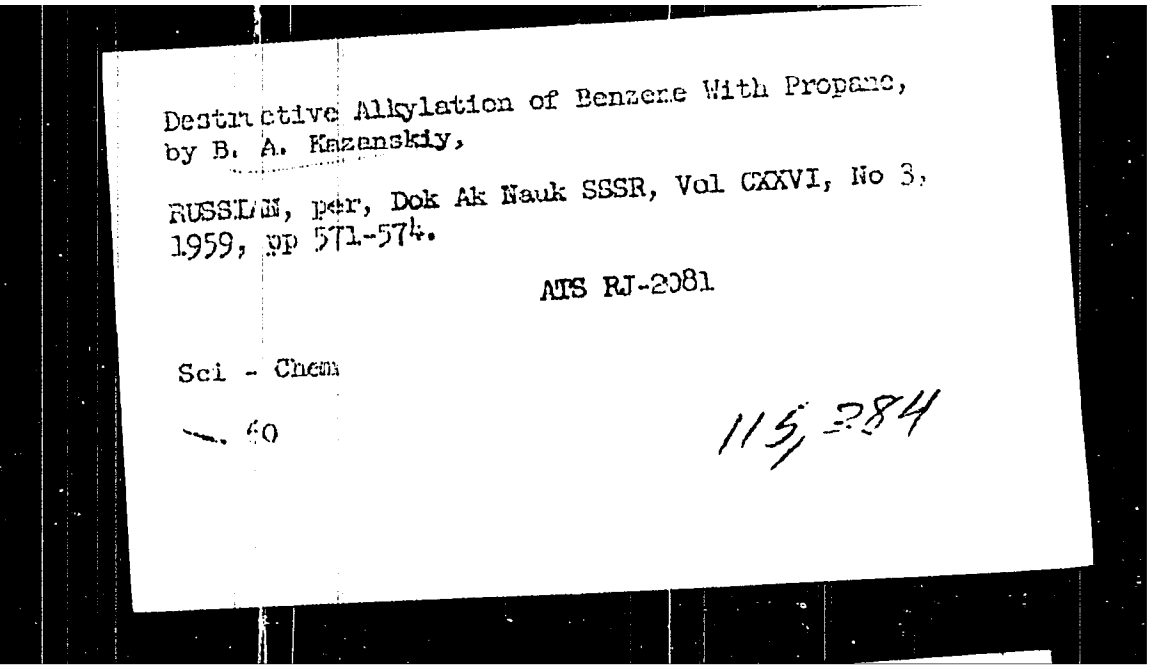

Destructive Alkylation of Benzene With Propane,
by B. A. Kazanskiy,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 3,
1959, pp 571-574.

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Sci - Chem

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115, 284

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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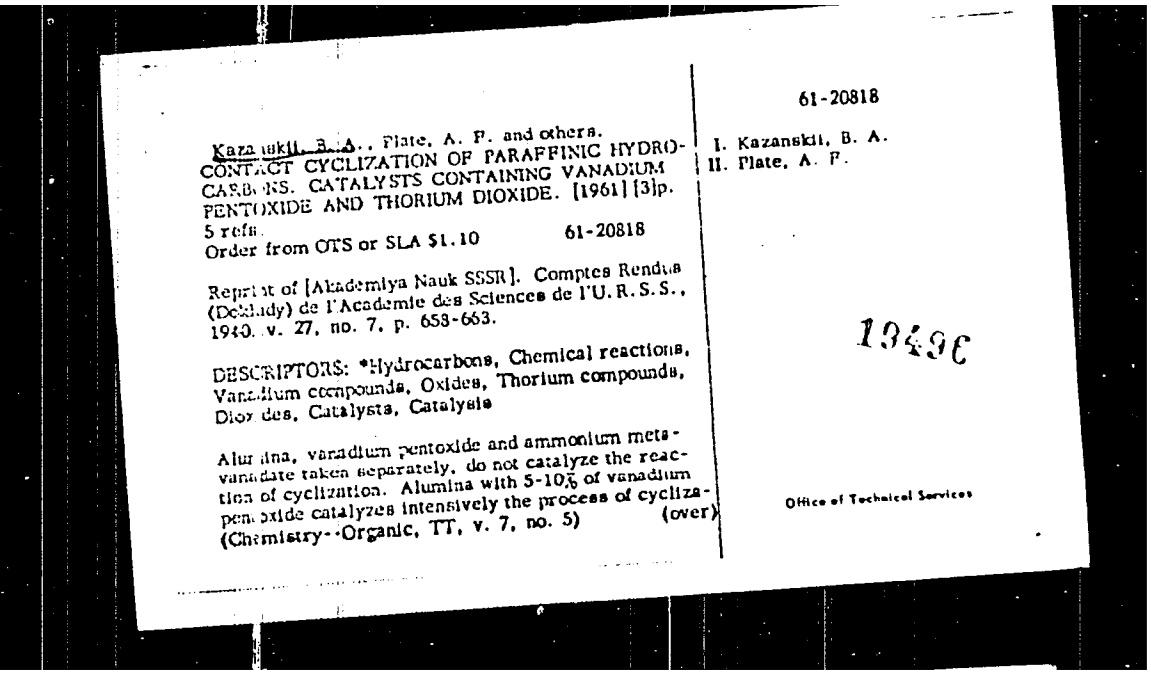

Kazanskii, B. A., Plate, A. F. and others.
CONTACT CYCLIZATION OF PARAFFINIC HYDROCARBONS. CATALYSTS CONTAINING VANADIUM PENTOXIDE AND THORIUM DIOXIDE. [1961] [3]p.
5 refs.
Order from OTS or SLA $1.10 61-20818

Reprint of [Akademiya Nauk SSSR]. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U.R.S.S., 1940. v. 27, no. 7, p. 658-663.

DESCRIPTORS: *Hydrocarbons, Chemical reactions, Vanadium compounds, Oxides, Thorium compounds, Dioxides, Catalysts, Catalysis

Alumina, vanadium pentoxide and ammonium metavanadate taken separately, do not catalyze the reaction of cyclization. Alumina with 5-10% of vanadium pentoxide catalyzes intensively the process of cyclization. (Chemistry--Organic, TT, v. 7, no. 5) (over)

61-20818

I. Kazanskii, B. A.
II. Plate, A. F.

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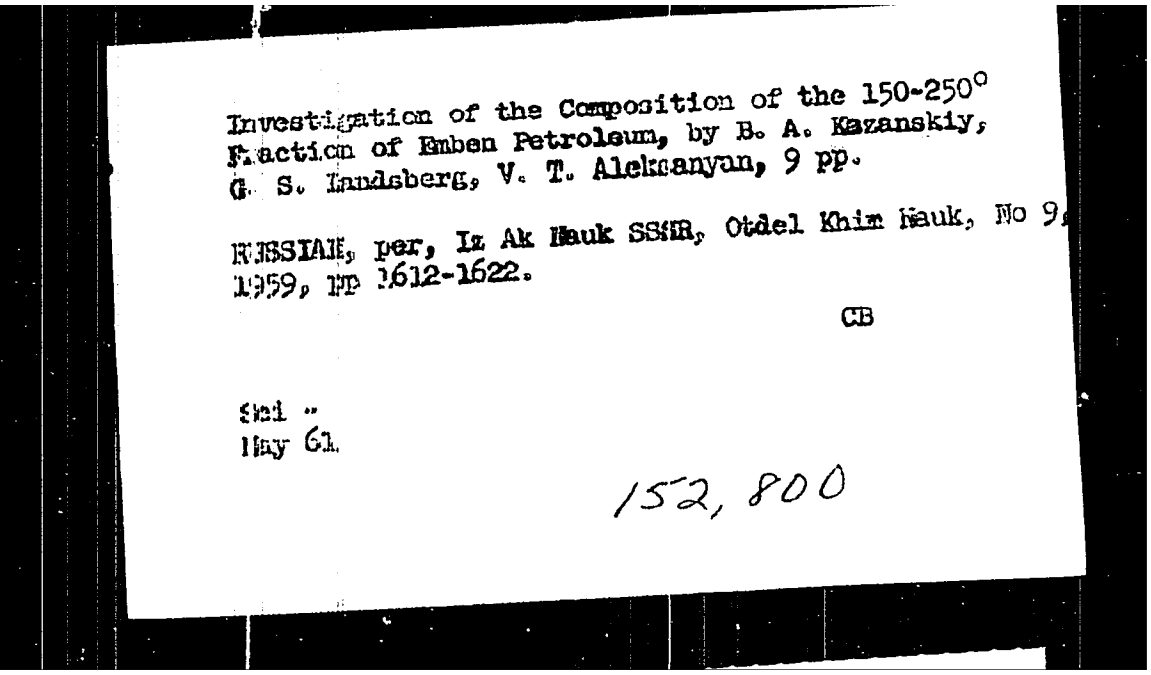

Investigation of the Composition of the 150-250° Fraction of Emben Petroleum, by B. A. Kazanskiy, G. S. Landsberg, V. T. Alekmanyan, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1959, pp 1612-1622.

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May 61

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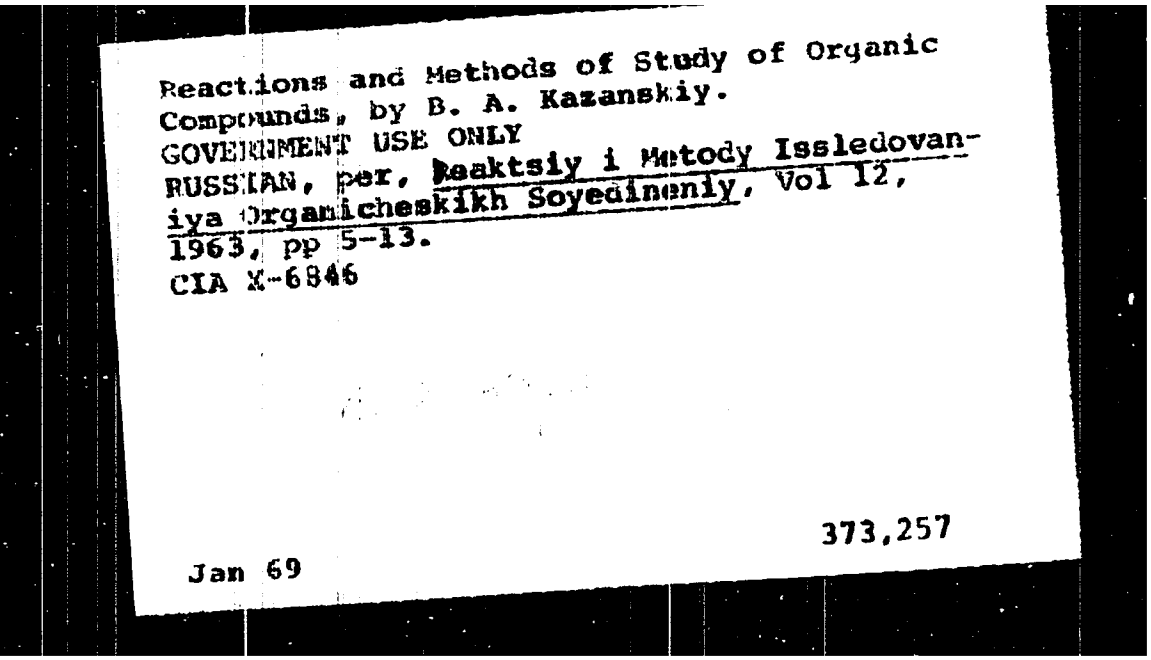

Reactions and Methods of Study of Organic Compounds, by B. A. Kazanskiy.
GOVERNMENT USE ONLY
RUSSIAN, per, Reaktsiy i Metody Issledovaniya Organicheskikh Soyedineniy, Vol 12, 1963, pp 5-13.
CIA X-6846

373,257

Jan 69

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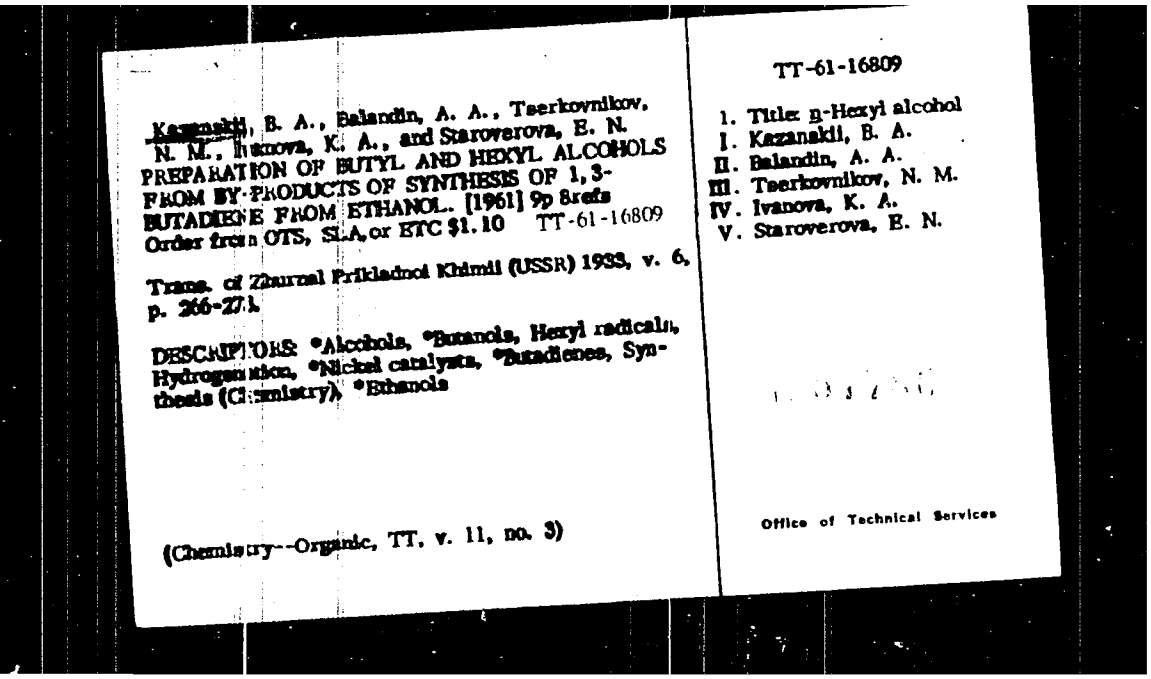

Kazanskii, B. A., Balandin, A. A., Tsetkovnikov, N. M., Ivanova, K. A., and Staroverova, E. N. PREPARATION OF BUTYL AND HEXYL ALCOHOLS FROM BY-PRODUCTS OF SYNTHESIS OF 1,3-BUTADIENE FROM ETHANOL. [1961] 9p 8refs Order from OTS, U.S.A. or ETC $1.10 TT-61-16809

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1933, v. 6, p. 266-271

DESCRIPTORS: *Alcohols, *Butanols, Hexyl radicals, Hydrogenation, *Nickel catalysts, *Butadienes, Synthesis (Chemistry), *Ethanols

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16809

1. Title: n-Hexyl alcohol
I. Kazanskii, B. A.
II. Balandin, A. A.
III. Tsetkovnikov, N. M.
IV. Ivanova, K. A.
V. Staroverova, E. N.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

The Effect of Space Velocity on the Process of Aromatization of n-Hexane Over an Alumina-Chromia Catalyst, by B. A. Kazanskiy, A. Z. Dorogochinskiy, 5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 2, 1961, pp 258-262.

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Sci
Jun 62

200,104

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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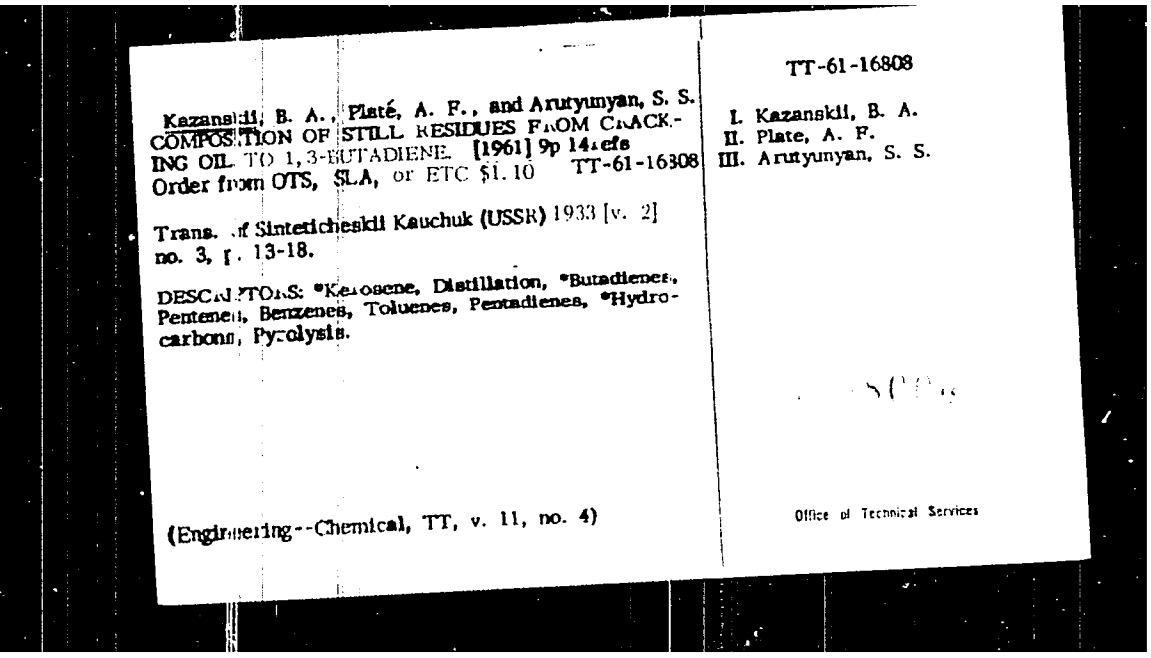

Kazanskii, B. A., Platé, A. F., and Arutyunyan, S. S.
COMPOSITION OF STILL RESIDUES FROM CRACKING OIL TO 1,3-BUTADIENE. [1961] 9p 14 refs
Order from OTS, SLA, or ETC $1.10 TT-61-16308

Trans. of Sinteticheskii Kauchuk (USSR) 1933 [v. 2] no. 3, p. 13-18.

DESCRIPTORS: *Kerosene, Distillation, *Butadienes, Pentenes, Benzenes, Toluenes, Pentadienes, *Hydrocarbons, Pyrolysis.

(Engineering--Chemical, TT, v. 11, no. 4)

TT-61-16808

I. Kazanskii, B. A.
II. Plate, A. F.
III. Arutyunyan, S. S.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Cyclization of 3-Ethylpentane to Ethylcyclopentane
by A. L. Liberman, T. V. Vasina, B. A. Kazanskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 3,
1957, pp 430-432.

Consultants Bureau

Sci - Chem
Oct 58

74, 403

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Dehydrocyclization of n-Heptane Over Alumina-Chromia Catalysts, N. I. Rotengart, B. A. Kazanskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4, 1958, pp 716-19.

Assoc Tech Serv NJ-1408

Sci - Chem

Apr 59

85,294

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Isomerization of 1,1,2-Trimethylcyclopropane in Presence of Palladised and Platinised Charcoals, by M. Yu. Lukina, S. V. Zotova, B. A. Kazanskiy, 5 pp.

RUSSIAN, per, Iz Nauk SSSR, Otdel Khim Nauk, No 3, 1958, pp 300-304.

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Sci - Chem

Apr 60

112, 302

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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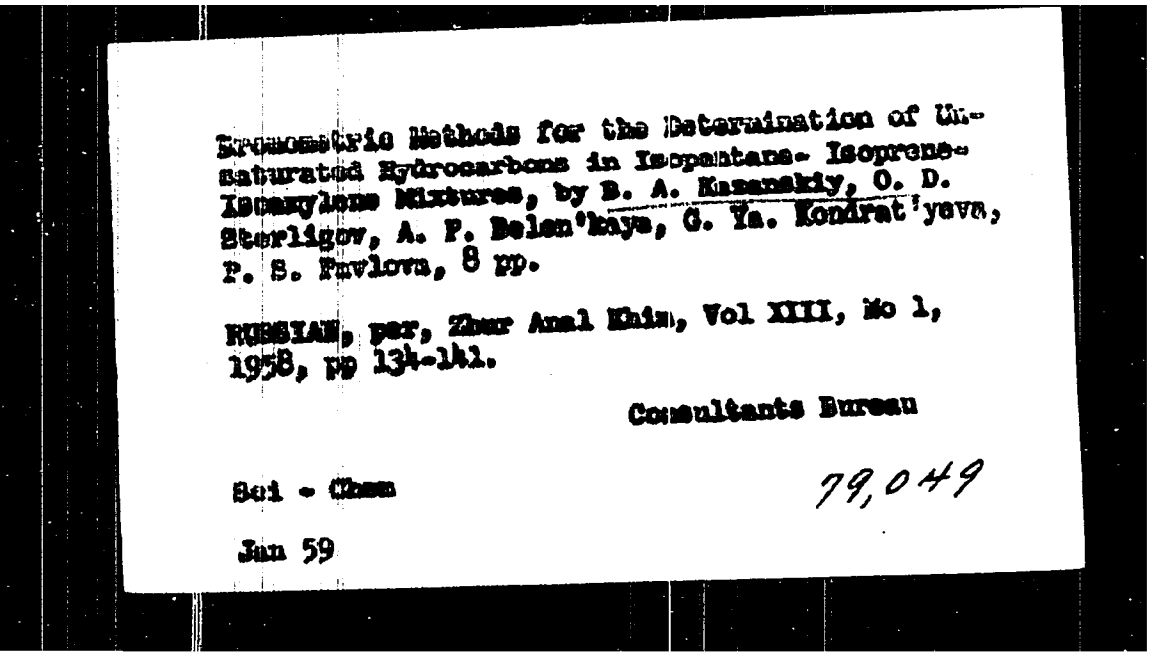

Spectrometric Methods for the Determination of Unsaturated Hydrocarbons in Isopentane- Isoprene-Isoamylene Mixtures, by B. A. Kazanskiy, O. D. Sterligov, A. P. Belen'kaya, G. Ya. Kondrat'yeva, P. S. Pavlova, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 1, 1958, pp 134-141.

Consultants Bureau

Sci - Chem

Jun 59

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Dealkylation of Alkylaromatic Hudrocarbons and Their Derivatives in the Presence of an Aluminosilicate Catalyst. Part 1. The Kinetics of the Dealkylation of Monoalkylbenzenes, by Kh. D. Georgiev, B. A. Kazanskiy.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, 1959, pp 491-498.

ATS RJ-1898

Sci - Chem
Dec 59

104,076

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

Investigation of Bituminous Coal Hydrogenation at Pressures Exceeding 1000 Atmospheres, by B. A. Kazanskiy, M. G. Gonikberg, 18 p.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut Goryuchikh Iskopayemykh, 1955, Vol V, No 6, pp 3-15.

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Sci
Mar 60
Vol 3, No 1

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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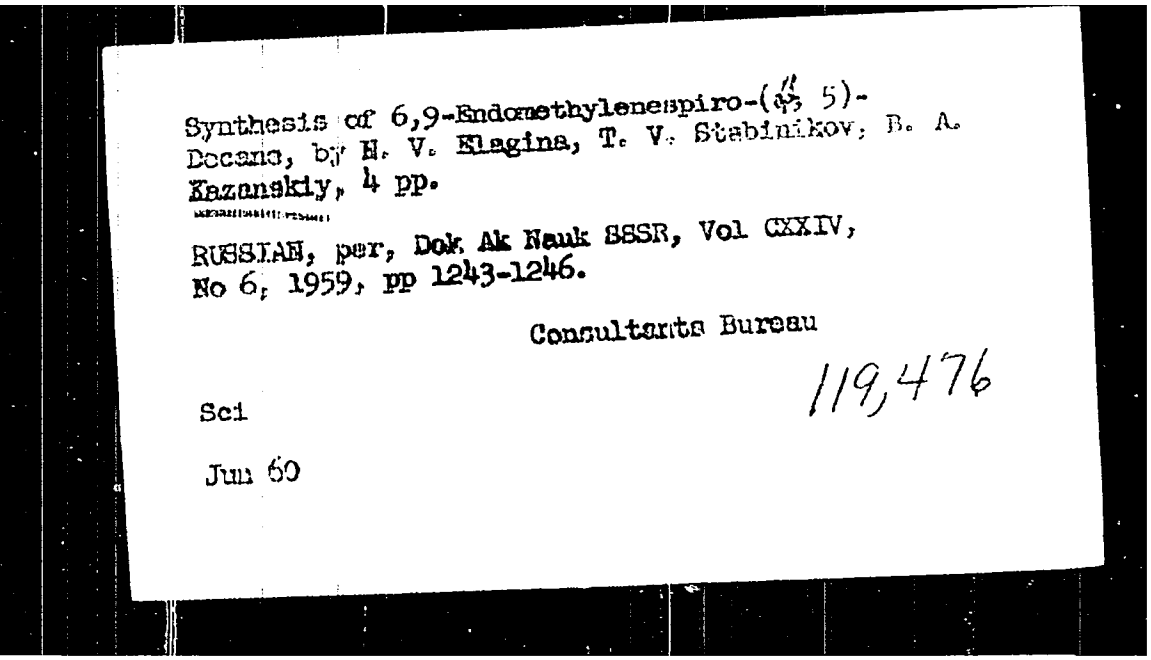

Synthesis of 6,9-Endomethylenespiro-(4, 5)-Decane, by N. V. Klagina, T. V. Stabinikov, B. A. Kazanskiy, 4 pp.

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Catalytic Hydrogenation of Diene Hydrocarbons With an Isolated System of Double Bonds in the Presence of Platinum and Palladium, by B. A. Kazanskiy, I. V. Gostunskaya, A. I. Leonova, 4 pp.

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Assoc: Tech Sv RJ-224
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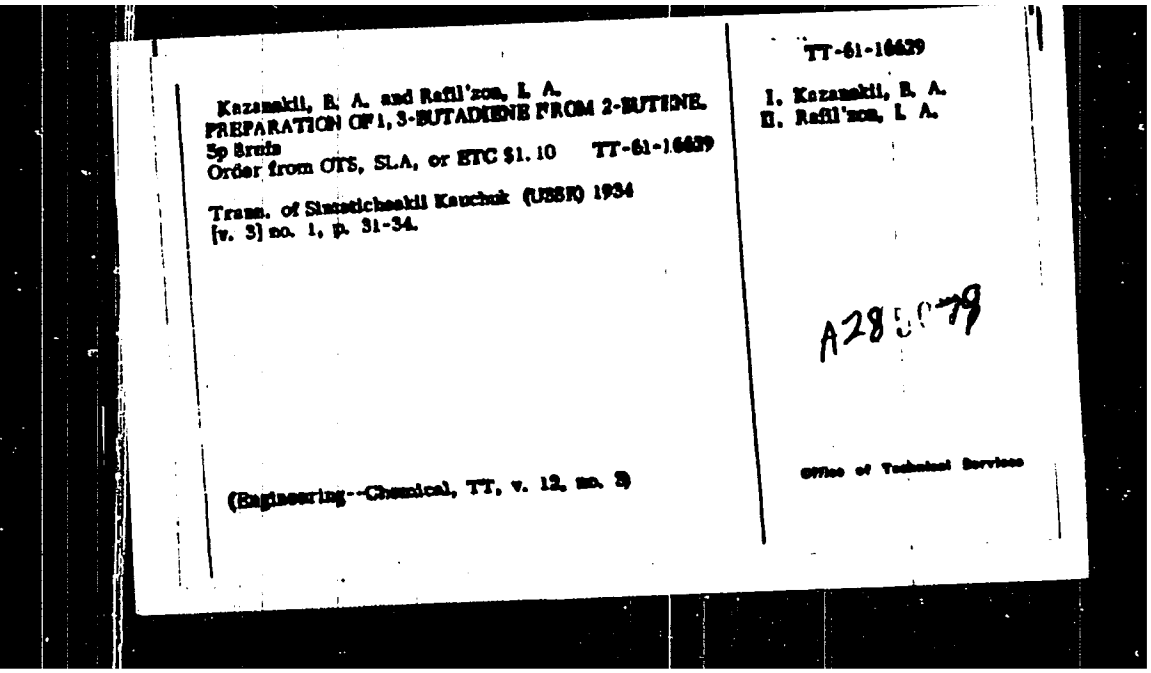

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PREPARATION OF 1,3-BUTADIENE FROM 2-BUTENE.
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I. Kazanskii, B. A.
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A28[illegible]79

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The Hydrogenation of Cyclic Hydrocarbons. Part IX. The Hydrogenation of 1.1-Dimethyl-Cyclopentane in the Presence of Platinum-Activated Carbon, by B. A. Kazanskiy, Z. A. Rumyantseva, M. I. Batuev.

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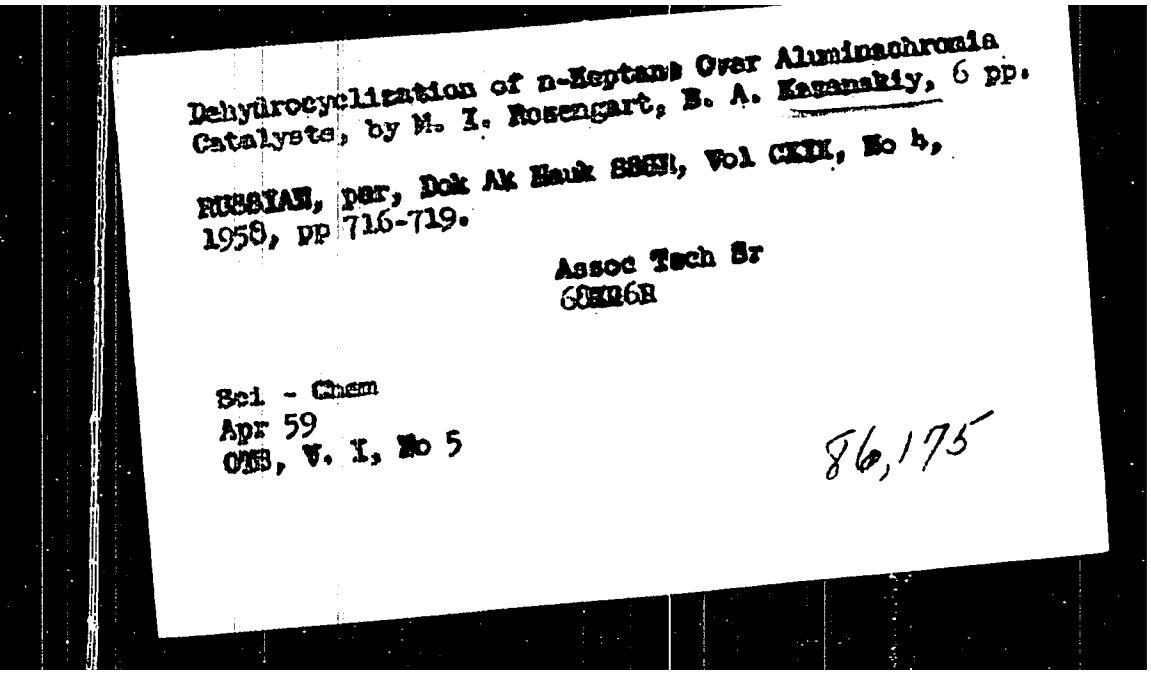

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Report No B-Raman Spectra of Certain Aromatic Hydrocarbons, by V. T. Aleksanyan, Kh. E. Stepin, A. L. Liberman, E. A. Mikhailova, M. A. Pryanishnikova, B. A. Kazanskiy, 9 pp.

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Raman Spectra of Some Hydrocarbons of the Cyclobutane Series, by V. T. Aleksanyan, M. Yu. Lukina, Kh. E. Sterin, B. A. Kazanskiy, 3 pp.

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Synthesis and Catalytic Conversions of 2-Methylbicyclo-(2,2,2)-octane and 2,3-Dimethylbicyclo-(2,2,2)-octane, by B. A. Kazanskiy, P. I. Svirskaya, 4 pp.

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1,4-Endoethylene-5,6,7,8-tetrahydronaphthalene, by B. A. Kazanskiy, P. I. Svirskaya, 4 pp.

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Hydrogenation of Cycloptopylbenzene in Presence
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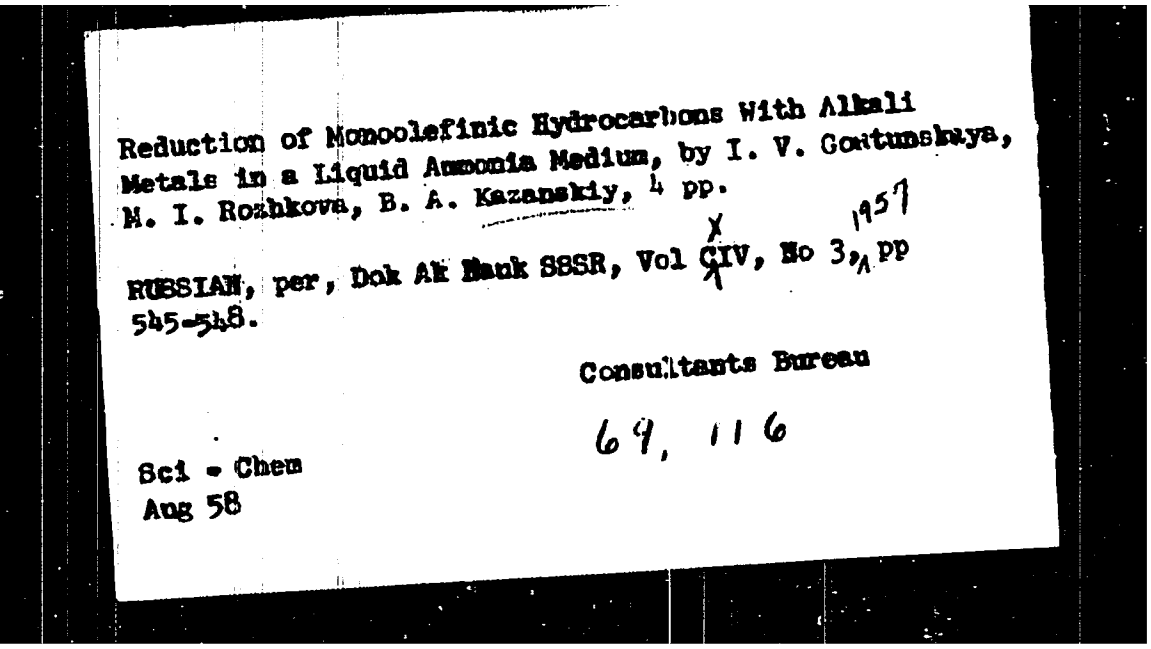

Reduction of Monoolefinic Hydrocarbons With Alkali Metals in a Liquid Ammonia Medium, by I. V. Goltunskaya, M. I. Rozhkova, B. A. Kazanskiy, 4 pp.

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Catalytic Transformations of 1,1,2-Trimethylcyclopropane in Presence of Palladized Carbon and Activated Carbon, by M. Yu. Lukina, S. V. Zotova, B. A. Kazanskiy, 6 pp.

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The Effect of the Diameter of Laboratory Columns with Fenske Packing on Their Efficiency and Throughput, by B. A. Kazanskiy, et al. 12 pp
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OTS-61-16618

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Scientific - Chemistry

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201150025-2

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Kazanskii, B. A., Plate, A. P. and others.
CONTACT CYCLIZATION OF PARAFFINIC HYDROCARBONS. CATALYSTS CONTAINING VANADIUM PENTOXIDE AND THORIUM DIOXIDE. [1961] [3]p.
5 refs.
Order from OTS or SLA $1.10 61-20818

Reprint of [Akademiya Nauk SSSR]. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U.R.S.S., 1940, v. 27, no. 7, p. 658-663.

DESCRIPTORS: *Hydrocarbons, Chemical reactions, Vanadium compounds, Oxides, Thorium compounds, Dioxides, Catalysts, Catalysis

Alumina, vanadium pentoxide and ammonium metavanadate taken separately, do not catalyze the reaction of cyclization. Alumina with 5-10% of vanadium pentoxide catalyzes intensively the process of cycliza-
(Chemistry--Organic, TT, v. 7, no. 5) (over)

61-20818

I. Kazanskii, B. A.
II. Plate, A. P.

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Catalytic Reactions at the Surface of Solid Calcium and Potassium Amides, by A. I. Shatenshtein, Yu. G. Dubinskiy, E. A. Yakovleva, I. V. Gostunskaya, B. A. Kazanskiy, 3 pp.

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The Limited Applicability of the Auwers-Skita Rule to Stereoisomeric Dialkyl-Cycloalkanes, by B. A. Kazanskiy, A. L. Liberman, N. I. Tyunkina, I. M. Kilnetsova, 4 pp.

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Polymerization of Isobutylene Over Hydrosilicic Catalysts. Communication III., by B. A. Kazanskiy, M. I. Rozengart, 9pp.

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On the Concurrent Formation of Five- and Six-Membered Rings From Paraffins (C_5- and C_6-Dehydrocyclization) Over Platinized Carbon, by B. A. Kazanskiy, A. L. Liberman, G. V. Loza, T. V. Vasina, 4 pp.

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Stereoisomeric 1-Methyl-2Alkylcyclohexanes,
by A. L. Liberman, Z. N. Kuznetsova, [illegible]
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Catalytic Cyclization of n-Pentane and n-Hexane with the Formation of a Five-membered Ring, by A. L. Liberman, G. V. Lozs, Chshan Min-Han', B. A. Kazanskiy, 4 pp.

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Catalytic Transformations of Alkylcyclopropanes in the Presence of Platinum and Palladium Supported on Anhless Activated Carbon, by M. Yu. Lukina, S. V. [illegible] Zotova, B. A. Kazanskiy, 4 pp.

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Chromatographic Analysis of Mixtures of C_5 Hydrocarbons, by A. A. Zhukhovitskiy, B. A. Kazanskiy, A. I. Karymova, P. S. Pavlova, O. D. Sterligov, I. M. Turkel'taub, 8 pp.

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Kazanskii, B. A. and Rozengart, M. I.
CATALYTIC POLYMERIZATION OF BUTENES OVER ALUMINUM SILICATE, II. [1961] 10p. 12 refs.
Order from OTS or SLA $1.10 61-16640

Trans. of Zhurnal Obshchei Khimii (USSR) 1942, v. 12, p. 246-254.

DESCRIPTORS: *Butenes, Polymerization, Aluminum compounds, *Silicates, Catalysts.

(Chemistry--Organic, TT, v. 6, no. 7)

61-16640

I. Kazanskii, B. A.
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Dealkylation of Alkyl-Substituted Hydrocarbons in the Presence of an Aluminosilicate Catalyst. 3. Kinetics of the Dealkylation of o- and p-Chlorocumenes, by Kh. D. Georgiev, B. A. Kazanskiy, 6 pp.

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Catalytic Cyclization of Some Alkylbenzenes Into Indan and Its Homologs, by A. L. Liberman, O. V. Bragin, B. A. Kazanskiy, 9 pp.

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Synthesis of Bicyclo-(2,2,2)- octane and 2-Methyl-3-ethylbicyclo-(2,2,2)- octane, by B. A. Kazanskiy, P. I. Svirskaya, 3 pp.

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The Hydrogenation of Cyclic Hydrocarbons. Part VIII. The Hydrogenation of Trans-1, 2- and Trans-1,3-dimethylcyclopentane in the Presence of Platinum-Activated Carbon, by B. A. Kazanskiy, Z. A. Rumiantseva, M. I. Batuev.

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Dealkylation of Alkylaromatic Hydrocarbons and Their Derivatives in the Presence of Aluminosilicate Catalyst, by B. A, Kazanskiy, Kh. D. Georgiyew, 4 pp.

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The Synthesis of 1,4-Endomethylenespiro-(5,5)-Undecane, by M. V. Elagina, N. S. Martinkova, B. A. Kazanskiy, 3 pp.

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Heterogeneous Catalytic Course of Benzene Pyrolysis, by A. P. Rudenko, B. A. Kazanskiy, 4 pp.

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The Effect of the Addition of Elements of the Second Group of the Periodic System on the Activity of KHFAM Chromia-Alumina Aromatization Catalysts, by B. A. Kazanskiy, M. I. Rozengart, Z. F. Kuznetsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 6, pp 1228-1230.

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Hydrogenation of Ethylcyclobutane and 1,1,2-Trimethylcyclopropane in the Presence of Palladinized Carbon, by M. Yu. Lukina, S. V. Zotova, B. A. Kazanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 5, 1957, pp 793-796.

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The Effect of the Addition of Alkali Elements on the Catalytic Properties of Chromia-Alumina Catalysts, by Vx B. A. Kazanskiy, M. I. Rozengart, Z. F. Kuznetsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 4, 1959, pp 787-790.

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Isomerization of Monoolefinic Hydrocarbons Under the Conditions of Catalytic Hydrogenation in a Liquid Phase, by I. V. Gostunskaya, M. B. Dobroserdova, B. A. Kazanskiy, 6 pp.

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Catalytic Cyclization of n-Octane With Formation of Cyclopentane Homologs, by B. A. Kazanskiy, A. L. Liberman, G. V. Loza, et al, 7 pp.

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Kazanskii, B. A. and Gol'mov, V. P.
ON ISOBUTYLCYCLOBUTANE AND DICYCLOBUTYLMETHANE. [1961] [1]p. 8 refs.
Order from OTS or SLA $1.10 61-16692

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U. R. S. S., 1942, v. 34, no. 7, p. 196-198.

DESCRIPTORS: *Cyclobutanes, Butyl radicals, *Methanes, Synthesis.

Synthesis of isobutylcyclobutane and dicyclobutylmethane is reported. Isopropyl cyclobutyl ketone and dicyclobutyl ketone were first prepared by reacting cyclobutanecarboxylic acid with isobutyric acid over a zinc oxide-manganous oxide catalyst at 400° and reducing their hydrazones by the method of Kizhner, by distillation with solid potassium hydroxide and platinized charcoal. (Author)
(Chemistry--Organic, TT, v. 6, no. 9)

61-16692

I. Kazanskii, B. A.
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Use of Induction Electrodes to Form a Beam of Accelerated Particles in the Synchrophasotron, by G. S. Kazanskiy, A. B. Kuznetsov, 6 pp.

RUSSIAN, per, Atom Energiya, Vol XIV, No 2, 1963, pp 153-158.

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Dimerization Kinetics of Styrene in Aqueous Sulfuric Acid, II. Kinetic Laws and the Dimerization Mechanism of Styrene, by K. S. Kazanskiy, G. A. Kogan, et al, 5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol IV, No 4, 1963, pp 589-594.

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The Thermodynamics of the Protonization of Isobutene, by S. G. Entelis, E. S. Kazanskiy, N. M. Chirkov, 4 pp.

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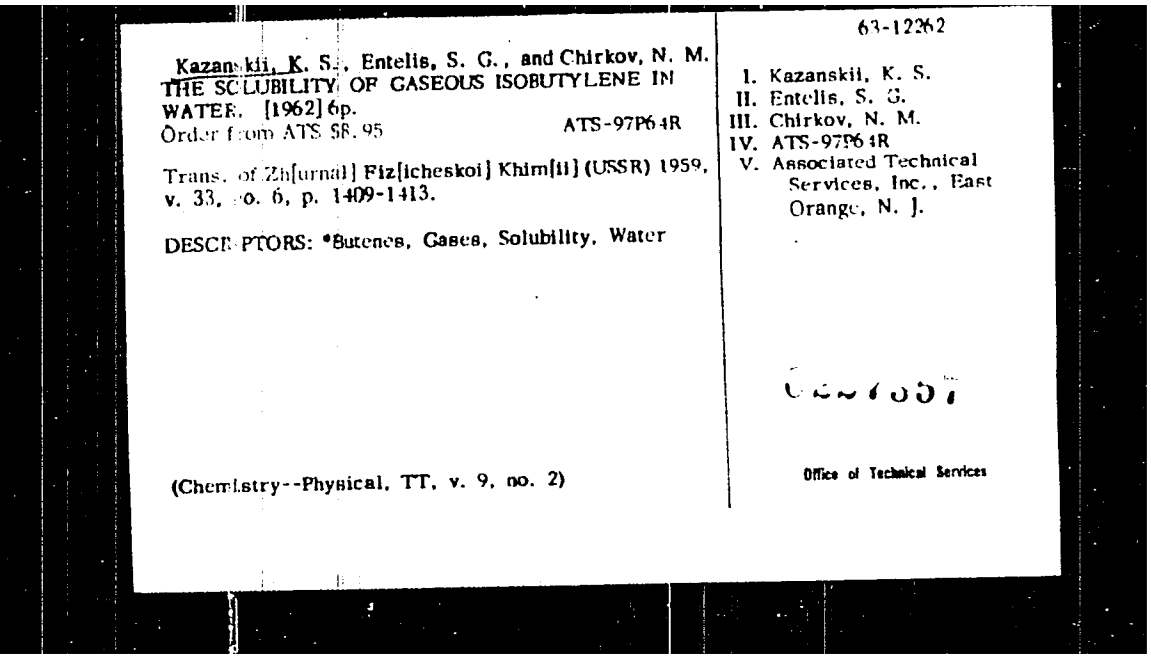

Kazanskii, K. S., Entelis, S. G., and Chirkov, N. M.
THE SOLUBILITY OF GASEOUS ISOBUTYLENE IN WATER. [1962] 6p.
Order from ATS $8.95 ATS-97P64R

Trans. of Zh[urnal] Fiz[icheskoi] Khim[ii] (USSR) 1959, v. 33, no. 6, p. 1409-1413.

DESCRIPTORS: *Butenes, Gases, Solubility, Water

(Chemistry--Physical, TT, v. 9, no. 2)

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I. Kazanskii, K. S.
II. Entelis, S. G.
III. Chirkov, N. M.
IV. ATS-97P64R
V. Associated Technical Services, Inc., East Orange, N. J.

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Kazanskiĭ, V. B. and others.
THE APPLICATION OF THE ELECTRON PARAMAGNETIC RESONANCE METHOD TO THE STUDY OF THE CRYSTAL PROPERTIES OF CHROMIUM CATALYST. [1961] [4]p. 6 refs. [DSIR LLU] M. 3107.
Order from OTS or SLA $1.10 61-27602

Trans. of Kinetika i Kataliz (USSR) 1960, v. 1, no. 2, p. 257-259.

DESCRIPTORS: *Chromium catalysts, *Crystal structure, *Paramagnetic resonance, *Electrons, Chromium compounds, Oxides

Several samples of chromium oxide-on-alumina catalysts with various contents of chromium oxide were studied by the method of electron paramagnetic resonance. On the basis of changes in the width and shape of the resonance line for the specimens investigated, (Physical--Solid State, TT, v. 6, no. 9) (over)

61-27602

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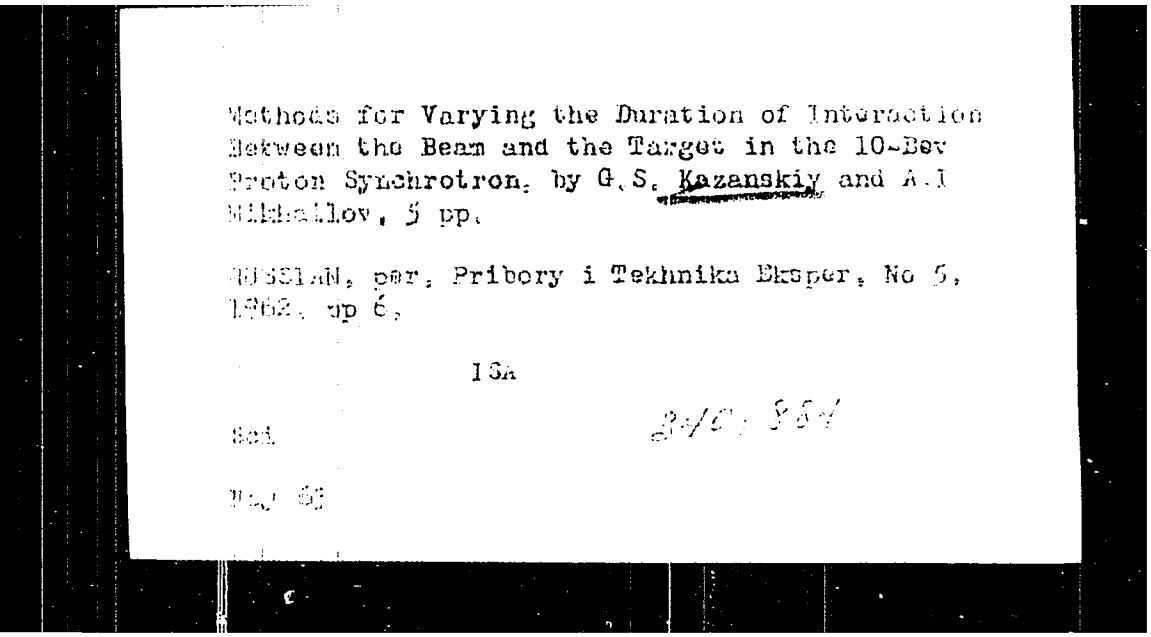

Methods for Varying the Duration of Interaction Between the Beam and the Target in the 10-Bev Proton Synchrotron, by G. S. Kazanskiy and A. I Mikhailov, 5 pp.

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Methods of Changing the Duration τ of the Time of the Beam Interaction With the Target in a 10 Bev Synchrophasotron, by G. S. Kazanskiy, A. I. Mikhailov, K. P. Myznikov, 41 pp.

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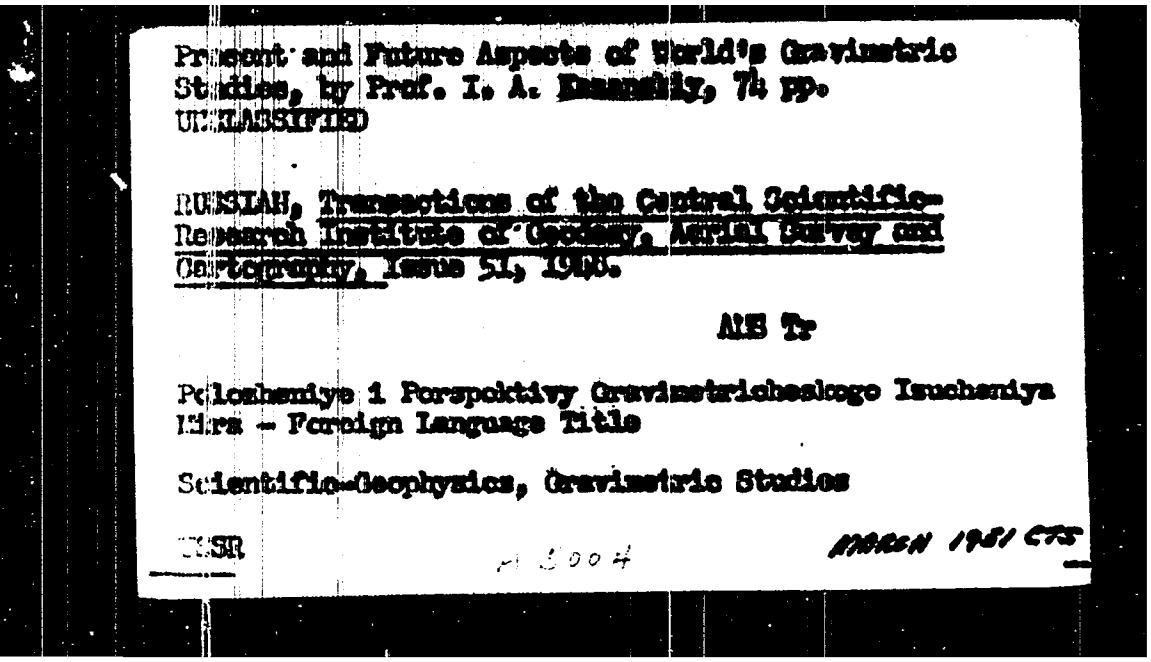

Present and Future Aspects of World's Gravimetric Studies, by Prof. I. A. [redacted], 74 pp.
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Problems of Planning and Direction of Scientific Work, by I. I. Kazanskiy

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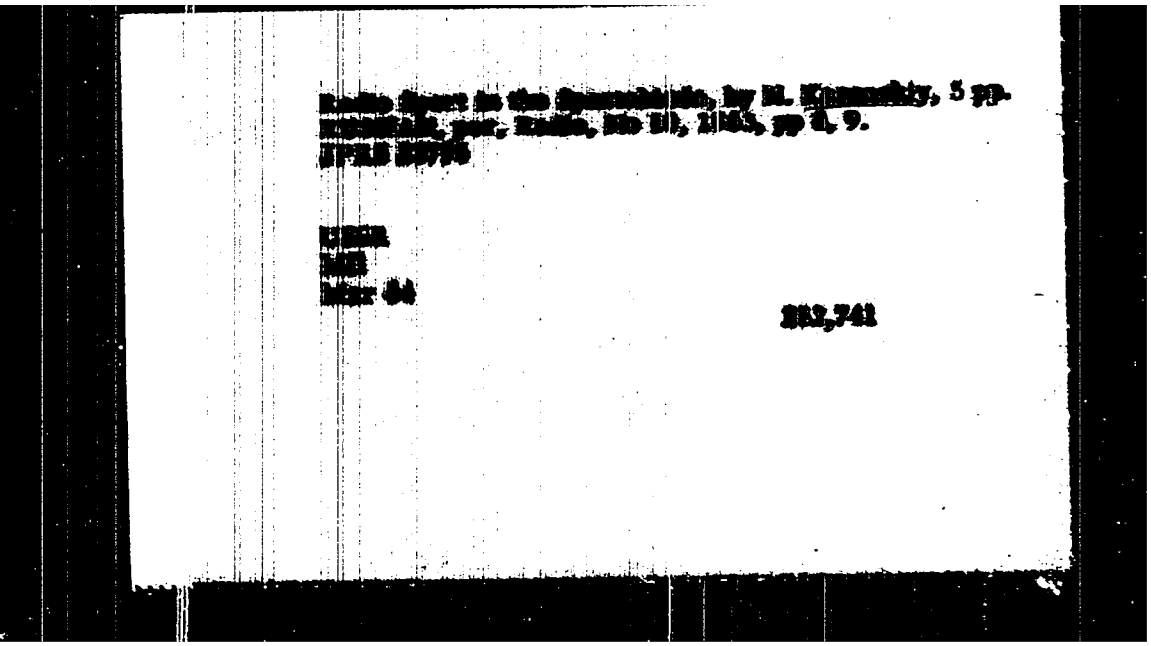

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Action of Chemical Substances on Viruses, by
L. I. Kazanskiy, A. V. Nikolaev, V. E. Karnaeva,
3[illegible] pp.

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Kinetics and Mechanism of Dimerisation of 1, 1-Diphenylethylene in H_2SO_4-H_2O. I. Ionisation of 1, 1-Diphenylethylene in Aqueous Sulphuric Acid, by K. S. Kazanskii, S. G. Entelis, 5 pp.

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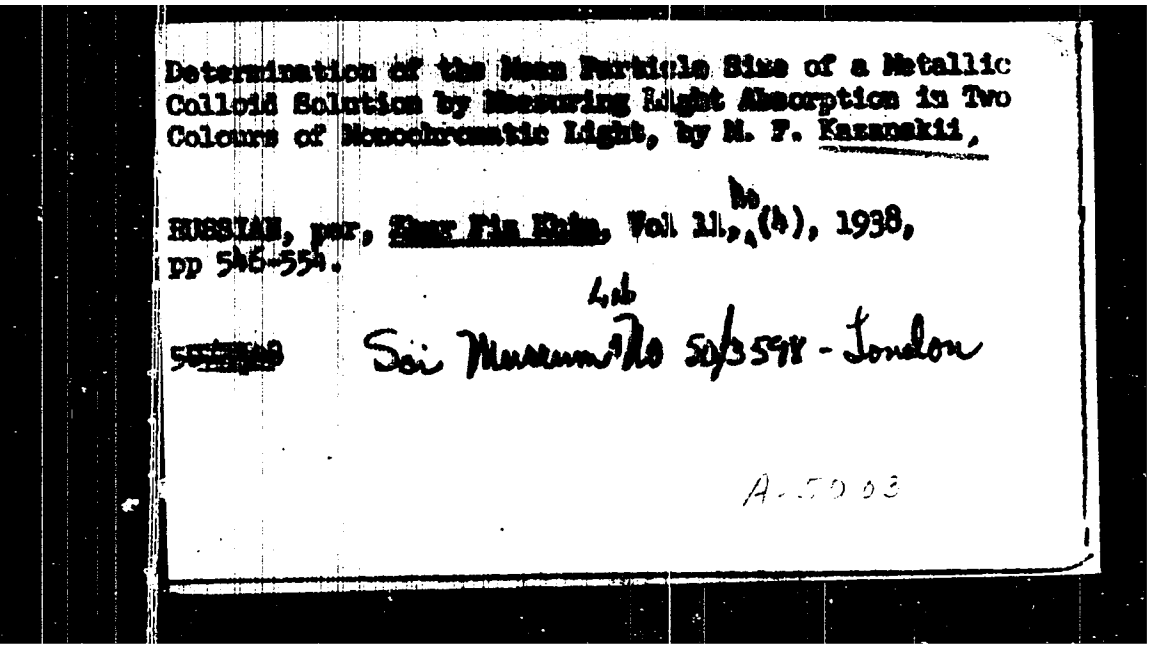

Determination of the Mean Particle Size of a Metallic Colloid Solution by Measuring Light Absorption in Two Colours of Monochromatic Light, by M. F. Kazanskii,

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Thermal Coefficients of Certain Ukrainian Clays and Their Dependence of Moisture Combined With the Solid Phase in Different Ways, by M. F. Kazanskiy, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Ak Nauk SSSR, Vol XXIX, No 2, 1959, pp 247-251.

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Analysis of the Bond Form and the State of Water Absorbed in Dispersed Bodies, by Means of Kinetic Drying Curves, by M. P. Kazanskiy, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol. CXXX, No 5, 1960, pp 1059-1067.

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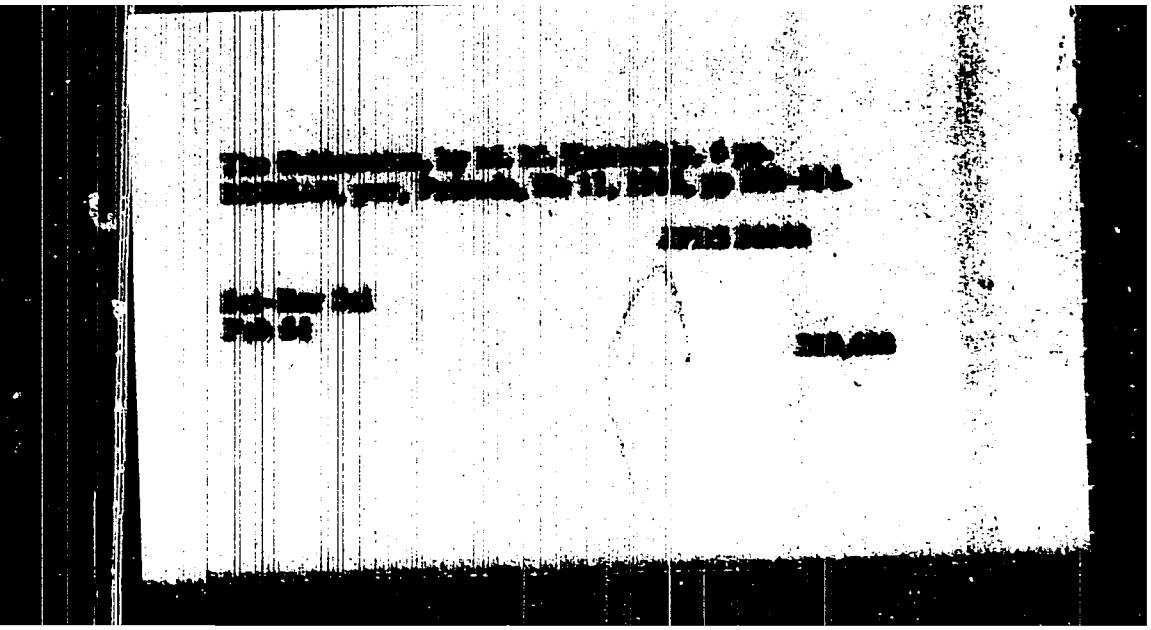

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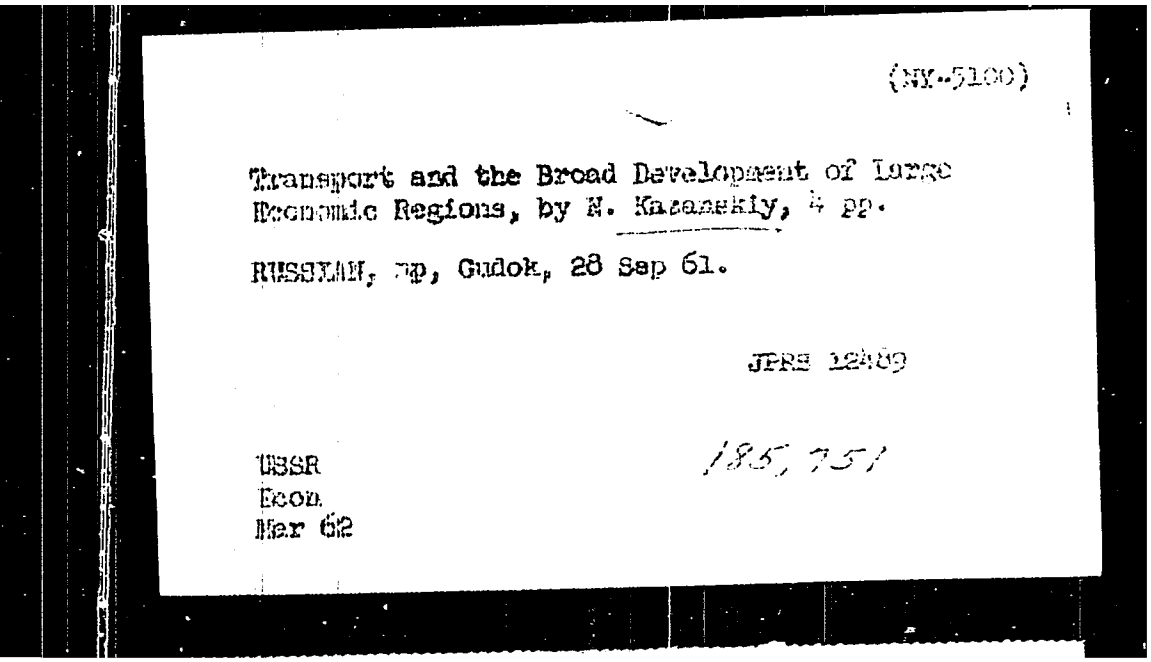

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Study of the Structure of Vanadium-Molybdenum Oxide Catalysts by the EPR Method, by V. B. Kazanskiy, Z. I. Ezhkova, et al, 5 pp.

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NEWS IN BRIEF. BASIC GOLD DEPOSITS AT MALYY KHINGAN, BY V. I. KAZANSKIY, 8 PP.

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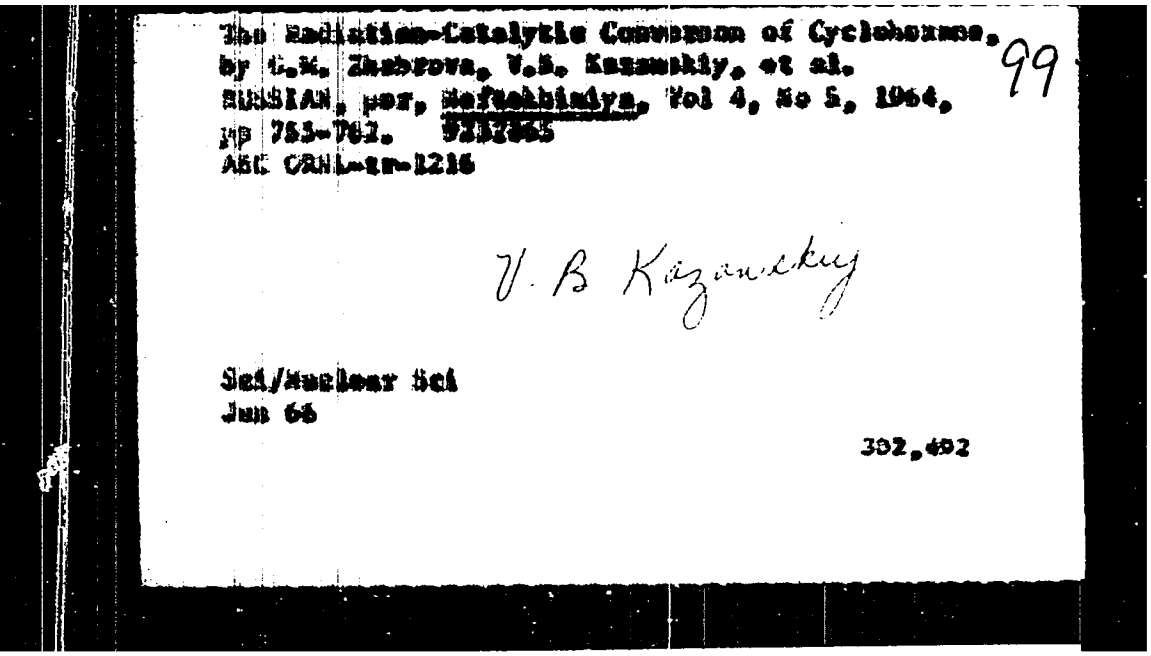

The Radiation-Catalytic Conversion of Cyclohexane, 99
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Electron Paramagnetic Resonance in the Irradiated Aluminum Oxide, by V. B. Kazanskiy, Yu. I Pecherskaya UNCLASSIFIED

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